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**Pusat Pengajian
Psikologi Gunaan, Dasar
dan Kerja Sosial**

**SCHOOL OF APPLIED PSYCHOLOGY,
SOCIAL WORK AND POLICY**

Universiti Utara Malaysia



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2016



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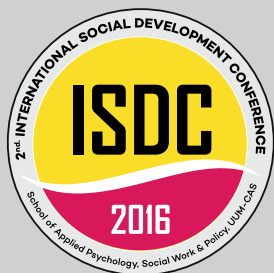
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SECTION 5

EDUCATION



PROCEEDINGS 2nd. INTERNATIONAL SOCIAL DEVELOPMENT CONFERENCE 2016

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SUPPORTING ENGLISH LANGUAGE LEARNERS THROUGH TECHNOLOGY GADGETS IN STATE ISLAMIC UNIVERSITY OF NORTH SUMATRA

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Abstract English will be easier to teach with the development of technology, faster and more advanced knowledge of teaching English is required with Gadget. It is a technology tool that is currently growing rapidly which has a specific function such that smartphone, I-phone and other electronic device. Gadget with a wide range of applications can present a variety of social media, so often misused by students can adversely affect the value or level of achievement their academic. The aim of this research is to know, seen and heard, especially in learning English. between use of gadgets with the level of achievement in in English Department of Tarbiyah and Teaching Faculty State Islamic University of North Sumatra. This research based on analytic survey with cross sectional method, the sample in this research was taken with purposive sampling technique that is 181 respondent. The Instrument that use was questionnaire and observation sheet. This research using analysis statistic Chi-Square Test with a significance level $\alpha = 0,05$ or 95 %. The result of statistic test have gained value $p = 0,016 < \alpha = 0,05$. The conclusion of this research, are expected to help support between use of gadgets with the level of achievement, with English students active use gadgets did not interfere with achievement and the learning process. Due to the use of gadgets in the learning process in terms of learning outcomes is quite satisfactory in English Department of Tarbiyah and Teaching Faculty State Islamic University of North Sumatra

Keywords: *gadget, support, achievement*

BACKGROUND

Digital native generation that lived in the era of sophistication where the gadget is a sophisticated items are created with a variety of applications that can present various news media, social networking, hobbies, and even entertainment. This sophisticated items are in terms of price is not exactly cheap. Not just used as an entertainment medium but with applications that keep updated on the gadget must be used by people who have business interests, office or workmanship coursework. Students at this time can easily get the information. And various other facilities through digital technology. This is supported by the development of the gadget which supports the generation of the digital era natively at the present time. Along these developments, it is undeniable that the more students, especially at the English Department of Tarbiyah and Teaching Faculty State Islamic University of North Sumatra were already able to obtain a series of gadgets such devices, which then influence their lifestyle, not least in terms of teaching and learning.

The increasing use of gadgets or tools that can be easily connected to the Internet is increasing from time to time, now approximately 85 million use the internet. Where eighty million of them use mobile phones to access the internet. Whereas in 2014, the number of internet users in Indonesia is only half a million inhabitants. This number is increasing as more easily in the can and the price affordability of smartphones

(Sanjaya & Wibhowo, 2014). Similarly, in English Department of Tarbiyah and Teaching Faculty State Islamic University of North Sumatra, majors are arguably favorite environment of Tarbiyah and Teaching Faculty has the number of students continues to grow, with the number of the fantastic which is about 842 people, only about 30 people who are not or have not join using a mobile phone and so active in the gadget.

The initial survey conducted by the author through interviews with 10 students get that 8 students use the gadgets more than 5 hours a day, and based on the observations made by the author in English Department of Tarbiyah and Teaching Faculty State Islamic University of North Sumatra from 8:00 to 13:00 PM, students often use the gadget looks silently at the moment of the lesson.

When students begin to get bored they'll find something else to relieve the boredom. Students prefer to play his fingers gadget than listen the explanation from Mr. / Ms lecturers who barely still using conventional methods, just lectures. Do not use the gadgets for some reason such as in Medan, too frequent outages of electricity rather than the is electricity on. LCD limitations due to lack of careness and security are inadequate. We still finding the professors who lost quickly with students in terms of technology and others. This is why they found teachers are still using culture that should have been left for a long time ago, that is lecture. But unfortunately a teacher who assigned the students with tasks online less able to control whether the more students use the gadgets to access the gadget social or other things that are less relevant to the material discussed in the learning process, while learning objectives desired to be achieved.

These facts and circumstances underlying the rationale author to pour it into an article about the use of the gadget utilizes series. Keeping in attendance of the gadget has a particular significance in the learning process because the material submitted obscurity. By presenting a series of gadgets as an intermediary, the complexity of the problem can be simplified. The efficiency of learning time is also not confined to take place during school hours and also in outside of the class hours. With so many demands of the material to be completed in a certain time, the gadget is a flexible solution series regular. Limitless in space and time. The author tries to make the gadget as a bridge two sciences, between English and science technology. Expected both present as learning support, attractive and up to date for students and can be used not only in the learning process takes place but more than that. One gadget that courtesy in the series of this paper is the gadjet. Gadjet leverages advances in power technology for use in the lecture in the English Department of Tarbiyah and Teaching Faculty State Islamic University of North Sumatra. Gadjet created, serially, can be stored in electronic devices such as smartphones and iPad making it easy to carry anywhere, and much more flexible than the printed book or laptop carrying of considerable weight. Moreover gadget this series can also be developed not only text-only, but can display images, animations, videos and music that accompany the subject matter contained in it, which can be packed in a slick depending on individual taste.

Based on the background of the problems that have been pointed out, the formulation of the problem is:

- i) How the development gadjet for lesson language English in English Department of Tarbiyah and Teaching Faculty State Islamic University of North Sumatra?
- ii) Is Gadjet effective for increase interpretation learn language English college student in English Department of Tarbiyah and Teaching Faculty State Islamic University of North Sumatra?

Research Purposes

The purpose of this study are as follows:

- i) For produce gadjet on eye lecture language English in English Department of Tarbiyah and Teaching Faculty State Islamic University of North Sumatra?
- ii) For look validity and effectiveness gadjet on eye lecture language English in English Department of Tarbiyah and Teaching Faculty State Islamic University of North Sumatra?

Benefits of the Research

This research is expected to be useful for all parties, especially for anyone who is involved in education. The benefits of this research are:

- i) For student, help ease comprehension material on eye lecture language English especially in English Department of Tarbiyah and Teaching Faculty State Islamic University of North Sumatra.
- ii) For educator into reference on eye lecture language English in English Department of Tarbiyah and Teaching Faculty State Islamic University of North Sumatra.

Elektronic Device, Gadjet

Gadjet or also called radiant online network is a representative publication that consists of text, images, and sound and presented in digital form that can be read on electronic devices. Digital gadgets is usually an electronic version that ensues from a variety of sources that are printed although unisex material that only radiantly published in digital form without a printed version. In line with the above statement, Armstrong, Edward and Lonsdale, (Gonca Cumaoglu, Esra Sacici, and Kerem Torun: 2013)

... any piece of electronic text Regardless of size or composition (a digital object), but excluding journal publications, made available electronically (or optically) for any device (handheld or desk-bound) that includes a screen.

Expert elektronik, Prakoso Bhairawa Son: in 2014 in his writing suggests that the online web is one technology who use computers to deliver multimedia information in the form of a compact and dynamic, capable of integrating impressions of sound, graphics, images, animation, and the movie so that the information presented richer than a conventional book.

From the point of education statement relating to the above features are interesting, namely: First, the gadget is hypermedia, many students reader may use the included hyperlinks to jump to related topics, and the text can contain elements of graphics, audio and video. Second, the content of webseries can be easily changed to suit the needs of students and uploading the user with the latest information and delete it instantly if irrelevant or less is needed is expressed by (Smaldino: 2012).

Learning English

Generally stated that the English language is a tool to communicate both orally and in writing. Communicating is to understand and express information, thoughts, feelings and develop science, technology and culture. The ability to communicate in full understanding is the ability of discourse, namely the ability to understand or produce spoken or written text that is realized in the four language skills, listening, speaking, reading and writing.

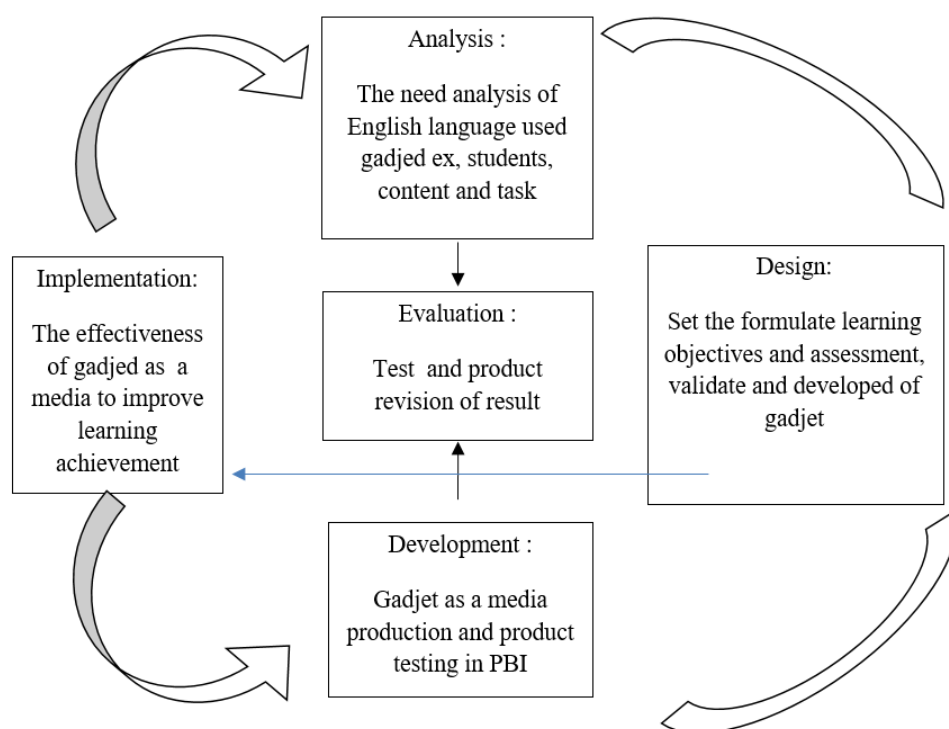
English courses in English Department of Tarbiyah and Teaching Faculty State Islamic University of North Sumatra is expected to produce students who have the skills in English both spoken and written to reach the International literacy levels, as well as master Religion Science and Technology.

RESEARCH METHODS

This research is an analytic survey with *cross sectional* approach, using a snapshot approach or observation is done at a particular time (Nasir, Muhith, Ideputri, 2011). This research was conducted in English Department of Tarbiyah and Teaching Faculty State Islamic University of North Sumatra on March 7 to 8, 2016. Overall research object or the object under study is called the study population (Notoatmodjo, 2010). The population in this study were 180 students, are all students who sat in the second semester, which PBI 1, 2 PBI, PBI 3, 4 PBI, PBI 5 and 6. The sample was taken by *purposive sampling* method. Instrument of data collection using a questionnaire designed alone to see the long time use of the gadgets series by students with criteria 1-24 hours a day. And the observation sheet to see the achievement level of the average value. The study results at final exams with a range of values from 0 to 4.00. Data processing

procedures are performed through dry phase, coding, scoring and tabulating and data analysis procedures were analyzed through univariate and bivariate analysis using *Chi Square* test with a significance level of 95% ($\alpha \leq 0,05$). Ethics research is done to maintain the anonymity of respondents, so awake and possible threats to the respondent can be avoided.

The framework can be described in the following scheme:



RESEARCH RESULT

Univariate Analysis

Table 1.1. The frequency of average values in students in English Department of Tarbiyah and Teaching Faculty State Islamic University of North Sumatra

THE AVERAGE VALUE OF STUDENTS	N	PERCENTAGE (%)
High	132	72.9
Low	49	27.1
Total	181	100.0

Table 1.2. The frequency of using gadgets in English Department of Tarbiyah and Teaching Faculty State Islamic University of North Sumatra, The Percentage (%) of using old gadgets

FREQUENCY OF USAGE	N	PERCENTAGE (%)
Often	121	66.8
Rarely	60	33.2
Total	181	100.0

Table 1.3. Benefits of using gadgets in English Department of Tarbiyah and Teaching Faculty State Islamic University of North Sumatra The percentage (%) of using gadget benefit

BENEFITS OF USAGE	N	PERCENTAGE (%)
Social media	132	72.9
Knowledge	49	27.1
Total	181	100.0

GADGET USER	TOTAL						X2	P
	HIGH		LOW					
	n	%	n	%	n	%		
Often	121	66.8	132	72.9	132	72.9	7.8	0.01
Rarely	60	33.2	49	27.1	49	27.1	9	7
Total	181	100	181	100	181	100		

Student average value n Percentage (%)

EXPLANATION

Based on the results showed that from 181 respondents there are 121 respondents use gadget more than 12 hours per day and gadgets is used for browsing. The most widely usage of gadget is to play online game and to access various social media (Instagram, Path, Facebook, Twitter), they tend to have a gadget to follow the trend that exists today (Hasella, 2013). Based on the research results, obtained the result of the average value of PBI students in the second semester of academic year 2015/2016 that 132 (72.9%) of respondents have a high value, while 49 (27.1%) respondents have a low value results from the study showed that 121 (66,8%) of respondents frequently using gadgets and 60 (33,2%) of respondents rarely use gadgets. The benefit of using gadget found 132 (72.9%) of respondents use gadget to access social media as Path, instagram, facebook, twitter, and other social media. Based on the statistical test by using Chi-square test with a significance level of 95% ($\alpha = 0.05$) the results of the analysis are: 0,016 then the value of $p < \alpha$, it means that there is a relationship between use gadget with the level of achievement of students di English Department of Tarbiyah and Teaching Faculty State Islamic University of North Sumatra. Using gadget in a long period can affect the concentration of students, during the lesson and study time, the impact can be seen by of the level of student's achievement in campus. In the study also found that 60 (33,2.7%) of respondents who rarely using gadgets, 60 (33,2%) of respondents get high scores, while 2 (4.9%) of respondents got low value, in addition to the 132 (72,9%) of respondents among gets high value whereas 49 (27,1.%) respondents got low value. In the study also found 132 (72.9%) of respondents using gadget to access to social media, while 49 (27.1%) respondents use gadgets to complete school assignments. The use of gadgets because the demands of the current trends are demanding them to be active in the world of internet or social media, therefore at the time of the learning process lasts, they are also often use gadgets fatherly cover the boredom of a variety of factors that are not conditioned. This causes that the material in part explained by the lecturer less acceptable and are no longer absorbed properly because students are not able to concentrate again to the subject of the English language, which can result in students' academic grades, and students become rare communicate with friends for more fun with his gadget. In the world of education is not only discussing about the physical but psychological discussion, prospective educators can determine a reasonable time limit in using a gadget in addition to disturb the concentration current students discussion, debate, develop the science and knowledge on campus.

CONCLUSION

The development of technology is now faster and more advanced knowledge of English is required. English will be easier to teach children from an early age. For a better comprehension of learning at this time with more emphasis on visual education. Educational content were least preferred by gadget users.

With these applications are expected to help support the spirit, memory of student who are very sensitive to what is seen and heard, especially in learning English.

The Students in English Department of Tarbiyah and Teaching Faculty State Islamic University of North Sumatra can be said that is not uncommon to use a gadget, yet they have a high level of achievement, and there is a relationship between the usage of gadgets with the level of student and *expected to help support* between use of gadgets with the level of achievement and also *to what is seen and heard, especially in learning English* in Tarbiyah and Teaching Faculty State Islamic University of North Sumatra. With English students active use gadgets did not interfere with achievement and the learning process. Due to the use of gadgets in the learning process in terms of learning outcomes is quite satisfactory. Because the material presented can be accepted very well by the students. Only a few students were distracted by their gadgets in the learning process. By using the gadget, students can expand outward communication is lacking is active in both the lecturers or to others by using English.

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